SAMSUNG ELECTRONICS LED Lamp

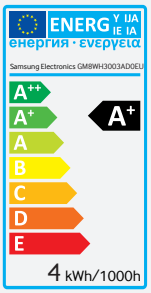
GM8WH3003AD0EU

Essential Range

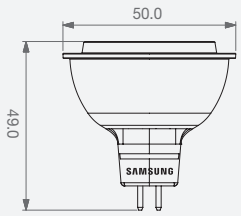
MR16 / 3.0W / GU5.3 / 40° / 2700K

Product

Model name	GM8WH3003AD0EU
Maker	Samsung Electronics
Bar Code	8806086251648
Voltage	AC/DC 12V
Equivalent to	20W
Power Consumption	3.0W
Lamp Socket holder	GU5.3



Dimensional drawing (unit : mm)



Customer Benefits

- 20W equivalent light levels and distribution by using standard (ANSI) base/socket and form factors
- 85% energy saving compared to traditional lamps
- More than 25,000 hours average operating life (12.5 times longer than halogen lamps)
- Compatible with an extensive range of transformers (*please see recommended transformer list)
- Depending on transformers (control gear), energy consumption can be changed
- Emits no UV

Application

Hotels, Restaurants, Shops, Museums, Exhibitions, Bars, Cafés
(Suitable for accent lighting)

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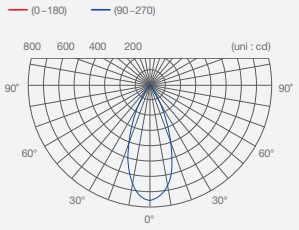
Specifications

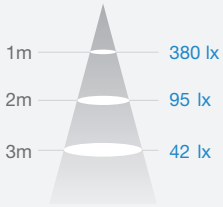
Model name	GM8WH3003AD0EU
Nominal useful luminous flux (lm)	210
Rated useful luminous flux (lm)	210
Nominal luminous flux (lm)	225
Lamp efficacy (lm/W)	75
Luminous intensity (cd)	380
Frequency (Hz)	50/60
Input current (mA)	470
Nominal power consumption (W)	3.0
Rated power consumption (W)	3.0
Lumen Maintenance Factor	L70
Warm-up time (60%)	Instant full light
Starting time (s)	0.1
On/Off cycles	50,000
Nominal beam angle (°)	40
Rated beam angle (°)	40
Operating temperature (°C)	-20~+40
Nominal lamp life time (hrs)	25,000
Rated lamp life time (hrs)	25,000
Color description	Warm White
Color temperature (K)	2700
CRI (Ra)	80
Color consistency (ANSI)	≤ MacAdam 6-step
Dimmable	No
Weight (g)	54
Energy efficiency index	A+
Energy consumption (kWh/1000h)	4
Certification	CE, CB, RCM

※ Specifications are subject to change without notice

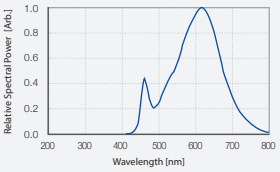
Lighting Data



Light Distribution



Illuminance (lx)



Spectral Power Distribution

Packaging Details

- Single Box (1pc) : 70mm×55mm×91mm / 85g
- Middle Box (6pc/box) : 180mm×81mm×192mm / 602g
- Outer Carton (24pc/box) : 357mm×192mm×203mm / 2,610g

Transformer Compatibility

NO	Manufacture and Part Number	Power rating (W)	Operating voltage (V)	Frequency (Hz)
1	OSRAM/ET-Z 60 220-240V	20~60	220~240	50/60
2	OSRAM/HALOTRONIC HTM 70/ 230-240V	20~70	230~240	50/60
3	OSRAM/ET-PARROT 105 220-240V	35~105	220~240	50/60
4	PHILIPS Primaline 70 230-240V	20~70	230~240	50/60
5	PHILIPS Primaline 105 230-240V	50~105	230~240	50/60
6	HATCH/ RS 12-80BF-277 277V 50/60Hz	80	277	50/60
7	ABB 50-230/12 KXG	35~105	220~240	50/60
8	Philips ET-S 60 220-240	60	220~240	50/60
9	Conrad 574223 10-60W 50-60Hz	10~60	220~240	50/60
10	Philips ET-E 50	50	220~240	50/60
11	Philips ET-S60 220-240 20-60W	20~60	220~240	50/60
12	Philips Certaline 60W 20~60W	20~60	220~240	50/60
13	TCI MW70LED 1-50WLED	1~50	230~240	50/60
14	OSRAM ET-REDBACK 60VA/230-240	20~60	230~240	50

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